Heatmiser Plusnet v1.00

User Instructions

Rev 1: Jan 2009

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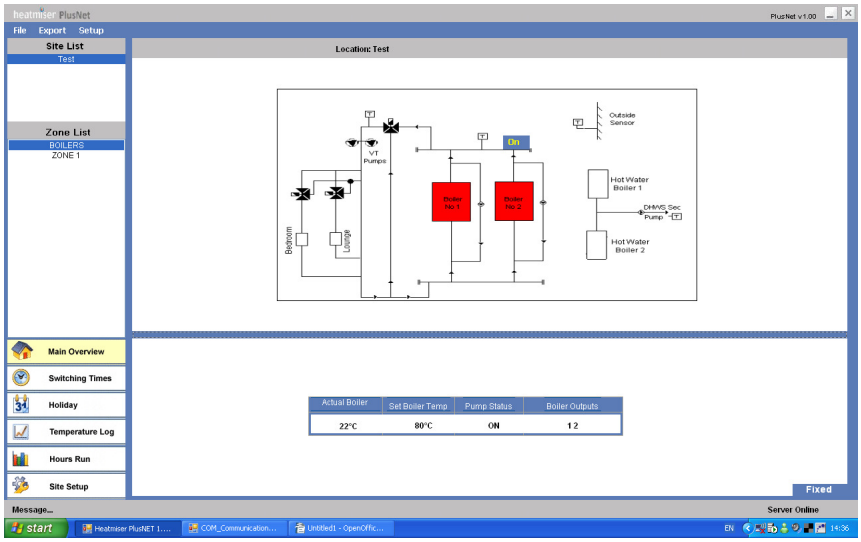
Site List / Zone List

To the left side of the screen is the Site and Zone Zone List. From here, you can select which site you want to connect to and which zone you want to view. When you click on the site, you will see the site drawing appear along with the sensor and relay indications relevant for the selected zone.



Main Overview

PlusNet automatically adjusts the Main Overview display depending on the configuration of the zone being viewed. As an example, the picture shown below shows a typical layout.

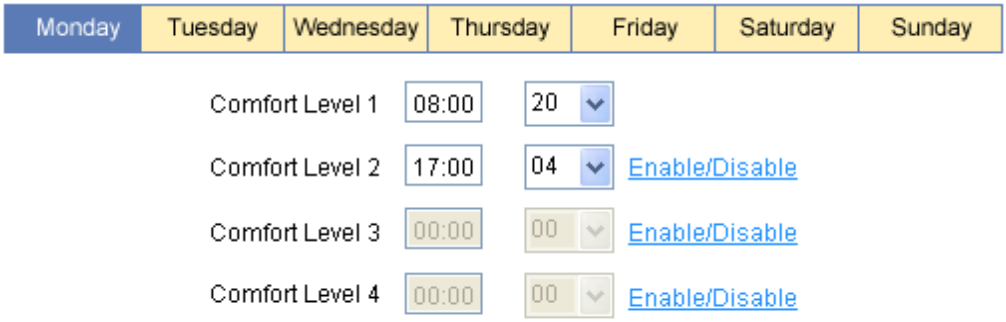
Actual Boiler	Set Boiler Temp	Pump Status	Boiler Outputs
22°C	80°C	ON	1 2

Switching Times
The Heatmiser Plus uses “Comfort Levels” and Timer On/Off Settings.

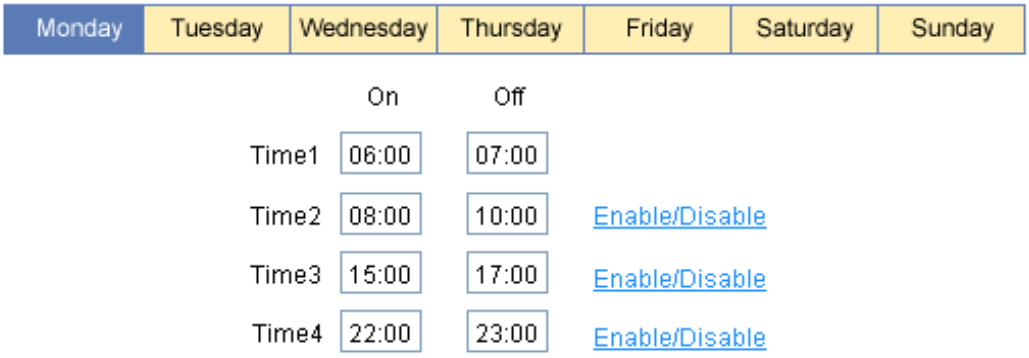
Comfort levels are programmed different than normal On/Off times. With a comfort level, you program a time and the temperature you want at that time. To adjust the setting, simply type over the existing data. You can use the TAB key for easy data entry. You have the option to program 4 comfort levels for each day of the week. You should use the disable function to disable the switching periods that are not required.

For timer zones, you should program these as On/Off times, these zones do not rely on a set temperature.

Plusnet will auto-detect the zone configuration and will display the appropriate display.



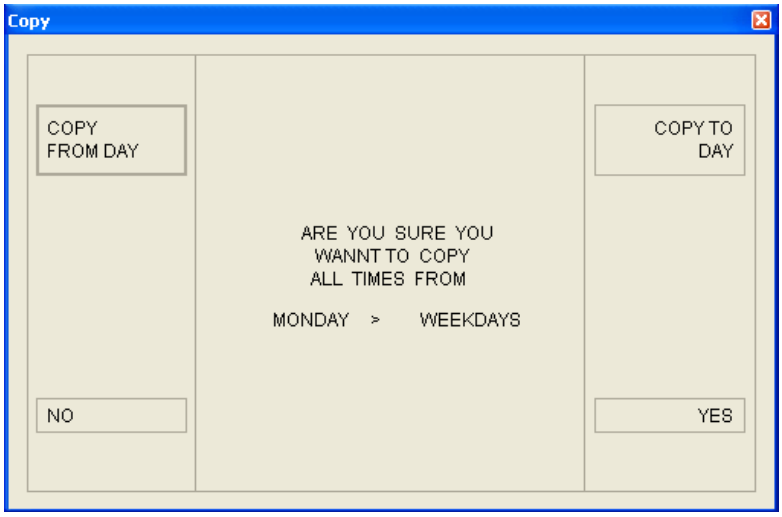
Comfort Levels



Timer On/Off

Copy
Plusnet enables to you copy comfort levels from one day to another. To use the Copy function, repeatedly press the COPY FROM DAY until the day you want to copy **from** is shown. Then repeatedly press the COPY TO DAY until the day you want to copy **to** is shown. Note, you can also select to copy to all weekdays or to all days.

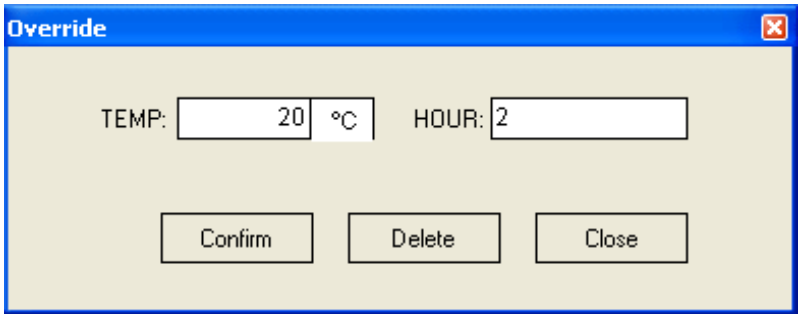
When you are happy with the setting, press Yes to copy the data.



Send
Once you have made the necessary adjustments, you must press Send in order to update the Heatmiser Plus.

Override / Hold Function
Plusnet allows you to override each zone. For zones with comfort levels, you can set a desired temperature and override time. For timer zones, you can enter the override time.

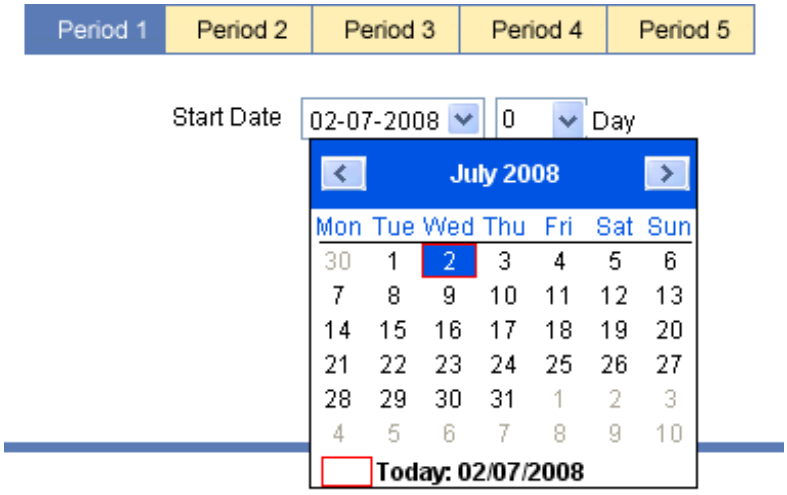
- Highlight the zone by clicking on the zone name
- Right click the zone name
- Click Override
- You can now enter the override duration and temperature. (For timer zones, you will be prompted to enter an override duration only)
- Press Confirm



Holiday

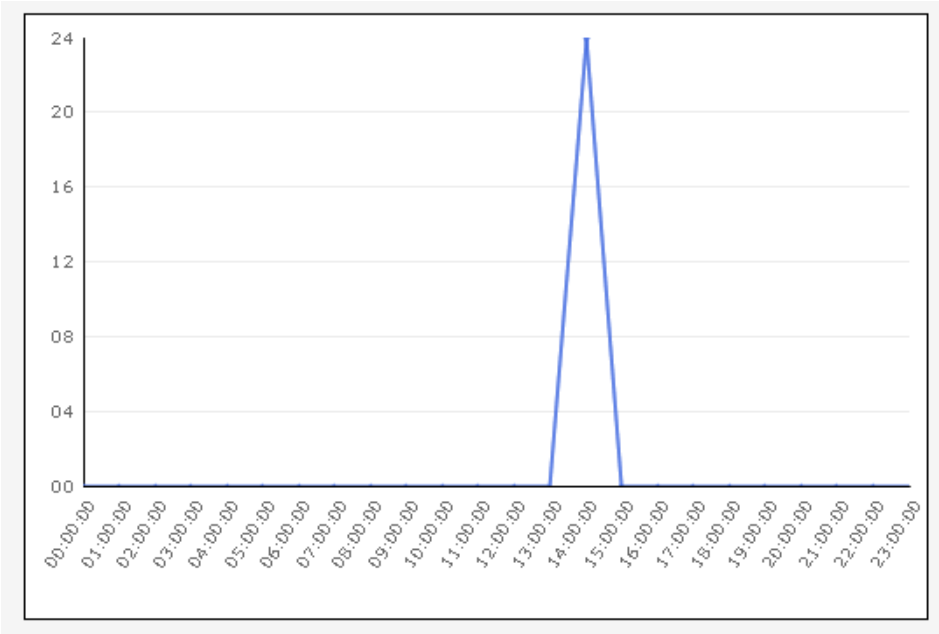
The Heatmiser Plus offers 5 holiday periods. During a holiday condition, the Plus will maintain the System Frost Temperature which can be adjusted from Plusnet (see page 08)

- To adjust the holiday setting, use the calender to select the start date and then enter the number of days for the holiday.
- Press Send to send the new settings to the Heatmiser Plus



Temperature Log

The Plusnet server stores the temperature log for the past 1 year. The past 7 days can be viewed quickly via the Plusnet interface in the form of a line chart. This function allows you to quickly determine which zones are using more energy, therefore helping you to reduce your overall energy consumption.



Hours Run
The Heatmiser Plus stores the Hours Run for the past 3 weeks. This information is displayed as a bar graph, and like the temperature log, helps you determine areas of high energy usage.

Site Setup
This option is available to the System Administrator only (See Setup Manual for details)

File Menu
Print – This menu allows you to print the temperature and hours run graph.
Backup Database – This backup utility allows you to make a backup of all sites stored in the database. We suggest that you run this backup after a new site has been added to the system.
Upgrade Database – This upgrade utility allows you to restore the database from the backup.

Export Menu

Export Hours Run
This option allows you to export the hours run data in csv format.

Export Temperature Log
A temperature export function is available. This function allows you to export the temperature history for a selected date range and then use MS Excel to create a line graph showing the history over an extended duration. To export the temperature log, follow the steps below.

- Press Export
- Select Temperature Log and then select the zone you wish to export
- On the calender, select the From date
- On the calender, select the To date

- Choose the export path and enter a file name for the file to be exported
- Press Export

When you import into MS Excel, you need to select Comma Delimited as an import option.

Setup Menu (Administrator Only)

System Frost The system frost temperature setting is a global setback temperature and is used to maintain a temperature during a holiday period. The system frost temperature can be set from 00 – 35C

User Setup This option allows you to add new users to the system, and provides the ability to assign access rights to each user.

New user with “User” Rights = Is allowed to view and edit zone switching times / override zone set temperature and view history data but is not allowed to add or remove sites from the system.

New user with “Admin Rights” = Has full access to the system including site configuration.